

## SEQUENCE LISTING

&lt;110&gt; Novozymes A/S

&lt;120&gt; Trypsin like protease

&lt;130&gt; 10178

&lt;160&gt; 2

&lt;170&gt; PatentIn version 3.2

&lt;210&gt; 1

&lt;211&gt; 1004

&lt;212&gt; DNA

&lt;213&gt; Fusarium solani

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (52)..(804)

&lt;220&gt;

&lt;221&gt; mat\_peptide

&lt;222&gt; (127)..(804)

&lt;223&gt; 52-102: signal peptide and 53-126: pro-peptide

&lt;400&gt; 1

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ctctttcactc ttcaactctc tactcttgga atcccctgtc tgctcttcac c atg gtc      57
                                     Met Val
                                     -25

aag ttt gct gcc atc ctc gca ctt gtt gcg cct ctt gtc gcc gct cgg      105
Lys Phe Ala Ala Ile Leu Ala Leu Val Ala Pro Leu Val Ala Ala Arg
                -20                      -15                      -10

cct cag gac tca tca ccc atg atc gtt ggt gga act gct gcc agc gct      153
Pro Gln Asp Ser Ser Pro Met Ile Val Gly Gly Thr Ala Ala Ser Ala
                -5                      -1  1                      5

ggg gac ttc ccc ttc atc gtc agc atc gcc tac aat ggt ggc cct tgg      201
Gly Asp Phe Pro Phe Ile Val Ser Ile Ala Tyr Asn Gly Gly Pro Trp
10                      15                      20                      25

tgc gga ggt acc ctc ctc aac gcc aac acc gtc atg act gct gcc cac      249
Cys Gly Gly Thr Leu Leu Asn Ala Asn Thr Val Met Thr Ala Ala His
                30                      35                      40

tgc acc caa ggt cgc tct gct agc gcc ttc cag gtc cgc gcc gga agt      297
Cys Thr Gln Gly Arg Ser Ala Ser Ala Phe Gln Val Arg Ala Gly Ser
                45                      50                      55

ctg aac cgc aac tcg ggt ggt gtt acc tct tcc gtt tct tcc atc agg      345
Leu Asn Arg Asn Ser Gly Gly Val Thr Ser Ser Val Ser Ser Ile Arg
                60                      65                      70

atc cat cct agc ttc agt agc tcg acc ctg aac aac gat gtt tcc atc      393
Ile His Pro Ser Phe Ser Ser Ser Thr Leu Asn Asn Asp Val Ser Ile
                75                      80                      85

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ctg aag ctg tcc acc ccc atc tcg act agc tcc act att tct tat ggt 441  
 Leu Lys Leu Ser Thr Pro Ile Ser Thr Ser Ser Thr Ile Ser Tyr Gly  
 90 95 100 105

cgc ctg gct gcg tcg ggc tct gac cct gtt gcc ggc tct gat gcc aca 489  
 Arg Leu Ala Ala Ser Gly Ser Asp Pro Val Ala Gly Ser Asp Ala Thr  
 110 115 120

gtt gct ggc tgg ggt gtc act tct cag ggc tct tcc agc tct ccc gtg 537  
 Val Ala Gly Trp Gly Val Thr Ser Gln Gly Ser Ser Ser Ser Pro Val  
 125 130 135

gct ttg agg aag gtt acc att ccc atc gtc tcc cgc acc act tgc cga 585  
 Ala Leu Arg Lys Val Thr Ile Pro Ile Val Ser Arg Thr Thr Cys Arg  
 140 145 150

tcc cag tat ggc act tct gcc atc acc acc aac atg ttc tgc gct ggt 633  
 Ser Gln Tyr Gly Thr Ser Ala Ile Thr Thr Asn Met Phe Cys Ala Gly  
 155 160 165

ctt gct gag ggt ggt aag gac tct tgc cag ggc gac agc ggc ggt ccc 681  
 Leu Ala Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro  
 170 175 180 185

att gtc gat acc tcc aac act gtc att ggc att gtt tct tgg ggt gag 729  
 Ile Val Asp Thr Ser Asn Thr Val Ile Gly Ile Val Ser Trp Gly Glu  
 190 195 200

ggt tgt gct cag ccc aac tta tct ggt gtc tat gcc cga gtt gga tct 777  
 Gly Cys Ala Gln Pro Asn Leu Ser Gly Val Tyr Ala Arg Val Gly Ser  
 205 210 215

ctc cgc act tac atc gac ggc cag ctg taaattgctc ggtcggttgg 824  
 Leu Arg Thr Tyr Ile Asp Gly Gln Leu  
 220 225

ttacatttc tgttctaggc agtttgcttg tcagagactt ttgttgagat ggggacggaa 884

gatggagtag gaatgctgag agtgtttggt tgagagttta gttgatagtc aagatccaag 944

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<210> 2  
 <211> 251  
 <212> PRT  
 <213> Fusarium solani

<400> 2

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 -5 -1 1 5

Ser Ala Gly Asp Phe Pro Phe Ile Val Ser Ile Ala Tyr Asn Gly Gly  
 10 15 20

Pro Trp Cys Gly Gly Thr Leu Leu Asn Ala Asn Thr Val Met Thr Ala  
 25 30 35

Ala His Cys Thr Gln Gly Arg Ser Ala Ser Ala Phe Gln Val Arg Ala  
 40 45 50 55

Gly Ser Leu Asn Arg Asn Ser Gly Gly Val Thr Ser Ser Val Ser Ser  
 60 65 70

Ile Arg Ile His Pro Ser Phe Ser Ser Ser Thr Leu Asn Asn Asp Val  
 75 80 85

Ser Ile Leu Lys Leu Ser Thr Pro Ile Ser Thr Ser Ser Thr Ile Ser  
 90 95 100

Tyr Gly Arg Leu Ala Ala Ser Gly Ser Asp Pro Val Ala Gly Ser Asp  
 105 110 115

Ala Thr Val Ala Gly Trp Gly Val Thr Ser Gln Gly Ser Ser Ser Ser  
 120 125 130 135

Pro Val Ala Leu Arg Lys Val Thr Ile Pro Ile Val Ser Arg Thr Thr  
 140 145 150

Cys Arg Ser Gln Tyr Gly Thr Ser Ala Ile Thr Thr Asn Met Phe Cys  
 155 160 165

Ala Gly Leu Ala Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly  
 170 175 180

Gly Pro Ile Val Asp Thr Ser Asn Thr Val Ile Gly Ile Val Ser Trp  
 185 190 195

Gly Glu Gly Cys Ala Gln Pro Asn Leu Ser Gly Val Tyr Ala Arg Val  
 200 205 210 215

Gly Ser Leu Arg Thr Tyr Ile Asp Gly Gln Leu  
 220 225